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PROTO:9350-CST-2022-01

7-ELEVEN 9350 CST
US 401 BUSINESS / S. MAIN STREET &
VIRGINIA WATER DRIVE
ROLESVILLE, NC



02/13/2024

Engineer Name: ROBERT B. PINKERTON

Engineer Number: 34942

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REVISIONS

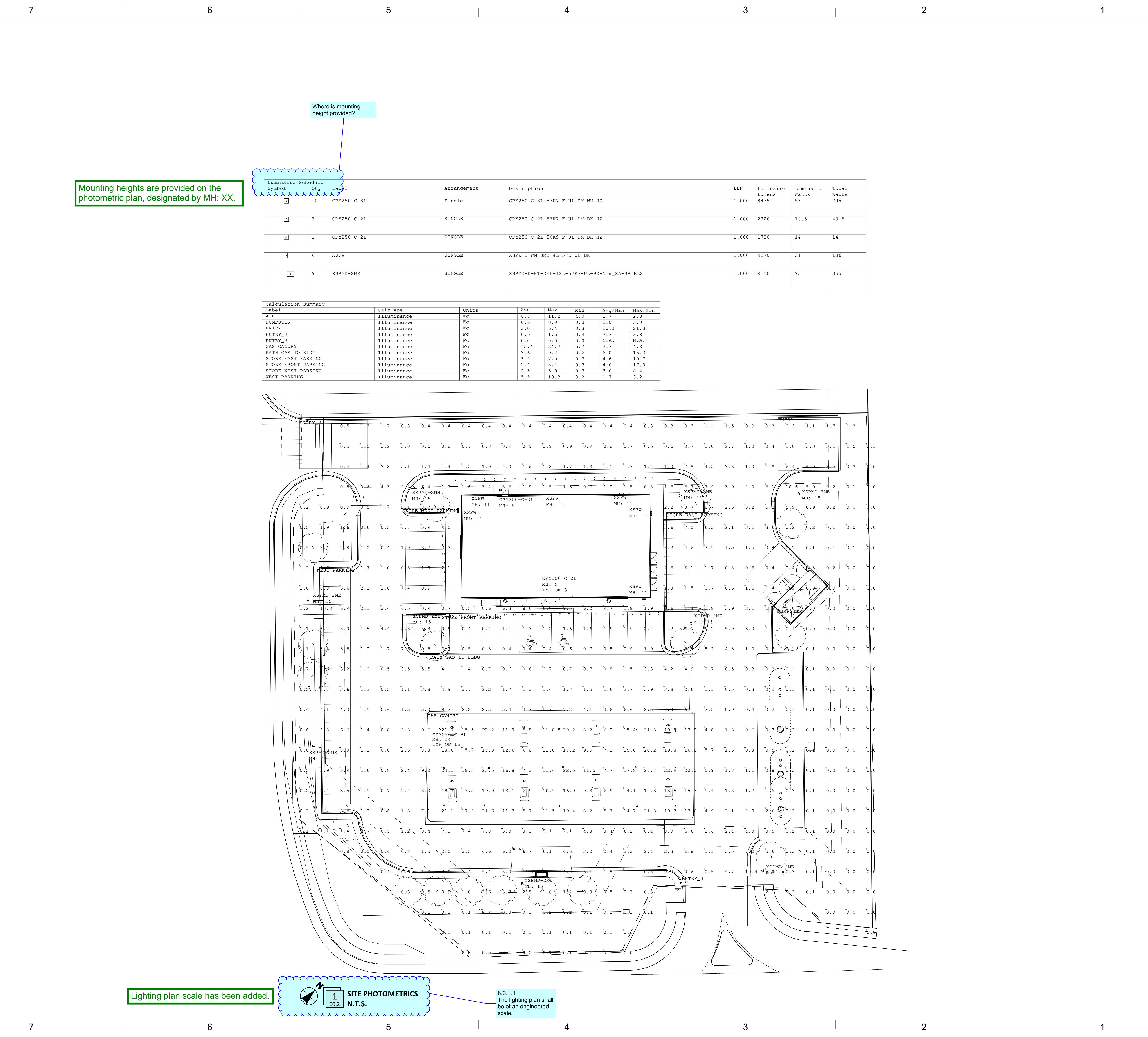
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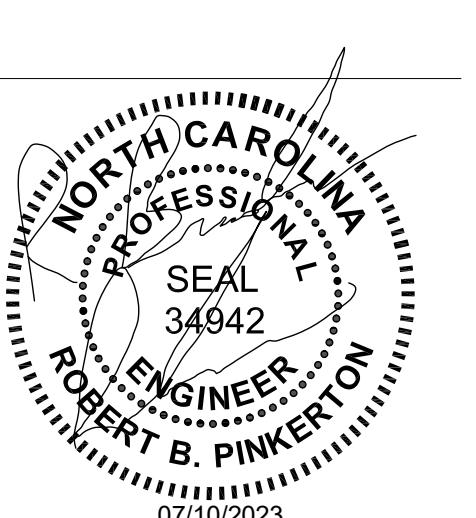
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Drawn By: ADF Checked By: ADF

Title: SITE PHOTOMETRICS

Sheet Number: E0.2

Date: 02/13/2024 Store #: 42337





XSP Series

XSPMD LED Street/Area Luminaire - Medium

Product Description

Designed from the ground up as a totally optimized LED street and area lighting system, the XSP Series delivers incredible efficiency without sacrificing application performance. Beyond substantial energy savings, the XSP Series offers a host of other benefits including a longer life, lower maintenance costs, and a more efficient Precision Delivery Grid™ optic when compared to traditional cob head luminaires. The XSP Series is the better alternative for traditional street and area lighting with quick payback and improved performance.

Applications: Collector roads, major roads, parking lots, and general area spaces

Performance Summary

NanoOptic® Precision Delivery Grid™ optic

Assembled in the USA from Cree Lighting and imported parts

Initial Delivered Lumen: 11,875

Efficacy: Up to 125 LPW

CRI: Minimum 70 CRI

CCT: 3000K, 4000K, 5000K, 7000K

Limited Warranty: 10 years on luminaire; 10 years on Colorfast DeltaGuard® finish; up to 5 years for Sympox® accessories; 1 year on luminaire accessories

*For more information on warranty terms, refer to Sympox accessories, consult Sympox spec sheets for details on warranty terms.

Accessories

Backplate Cover Shield Bird Spikes XSP-BR04M Shutter Cap XA-HSLHRT

Al-Mg-Ti mounting base mounting cuff Nut & lock base connector

Aluminum mounting base for luminaire

Operating Temperature Range: -40°C - +40°C (-40°F - +104°F)

Weight: 14.2 lbs. (6.4kg)



Ordering Information
Example: XSPMD-D-11875-120-3007-UL-59-74

Rev. Date: V9 02/20/2023

XSPMD LED Street/Area Luminaire - Medium

Product Description

CONSTRUCTION & MATERIALS
• Die cast aluminum housing
• Tool-less assembly
• Meets UL 125° F (D2) IP: 144 (42mm) O.D. or (51mm) IP: 2,375 (diameter) O.D. horizontal lens (minimum 100mm in length) and is adjustable. 5° to 10° for fixture leveling. Includes two sets of lead-in leveling.

• Luminaire secures with two 410 stainless steel mounting bolts, optional foot base.

• Exclusive Colorfast DeltaGuard® finish features an E-Coat epoxy primer with an ultra-durable black, bronze or silver powder topcoat, providing excellent protection against corrosion and fading.

• Comes standard with Utility Label per ANSI C136.15-2020 and 7-pin NEMA 14-50P power receptacle per ANSI C136.4-41

• Weight: 14.2 lbs. (6.4kg)

ELECTRICAL SYSTEM

• Input Voltage: 120-277V, 50/60Hz

• Power Factor: >0.9 at full load

• Total Harmonic Distortion: <2% at full load

• Input IEC62040-2 Surge suppression protection standard: 20kV/10ka

• When code dictates fusing, a slow blow type C/D breaker should be used.

• Includes 200mA surge protection and 100mA lightning protection.

• Includes 100mA surge protection and 100mA lightning protection.

• Standard On-Ground Fault Protection (OGF) and Ground Fault Interruption (GFI).

• Meets FCC Part 15, Subpart B, Class A limits for conducted and radiated emissions.

• Luminaire and finish endurance tested to withstand 5,000 hours of elevated ambient salt fog conditions as defined in ASTM Standard B 117.

• Assembled by Cree Lighting and imported parts.

• Meets UL 1547, UL 1547-2015, UL 1547-2020, UL 1547-2021.

• Meets FCC Part 15, Subpart B, Class A limits for conducted and radiated emissions.

• Includes 100mA surge protection and 100mA lightning protection.

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